



J.R. Simplot Company  
P.O. Box 912  
Pocatello, Idaho 83204

208 235-5606 Business  
208 530-5143 Cell

May 5, 2017

Arthur Burbank  
USDA Forest Service  
4350 South Cliffs Dr.  
Pocatello, ID 83204

**Subject: Biological Selenium Removal Treatment Technology  
Water Treatment Pilot Study  
April 2017 Progress Report**

Dear Art,

This progress report summarizes key activities in April 2017 associated with Phase 2 of the Water Treatment Pilot Study located near Hoopes Spring. This Pilot Study is being conducted as part of the Smoky Canyon Mine Remedial Investigation/Feasibility Study (RI/FS) to provide information on the effectiveness of the active biological treatment system in removing selenium and other COPCs from South Fork Sage Creek Springs and Hoopes Spring.

Work related to the Phase 2 Pilot Study continues at the site in accordance with the Final Phase 2 WP/SAP submitted to the Agencies on March 27, 2017. Agency comments on the *Draft Phase 2 Pilot Study Work Plan and Sampling and Analysis Plan, Ultra-Filtration/Reverse Osmosis and Biological Selenium Removal Fluidized Bed Bioreactor Treatment Technology* (Phase 2 WP/SAP) were provided to Simplot on January 3, January 13, and February 24, 2017. Simplot provided responses to these Agency comments on January 30 and March 3, 2017. The USFS provided feedback to the responses on March 21, 2017, and the Final Phase 2 WP/SAP was submitted to the Agencies on March 27, 2017.

#### **Identification of Deliverables and Data Transmittals**

There were no outstanding deliverables or transmittals for the month of April.

#### **Completed Activities**

The following activities associated with the Phase 2 Pilot Study were completed in April 2017:

- Commissioned new pumps at Hoopes Springs on April 26-27.
- Clarifier Tank was excavated and piping connections installed.
- UF and RO skids were placed in April and piping connection were started.
- All major components of the system are onsite and being installed.
- Began running all conduits to motor control center.



### **Upcoming Activities**

The following activities associated with the Phase 2 Pilot Study are planned through May 2017:

- Construction of equipment related to the Phase 2 Pilot Study will continue.
- Continued Construction of the Clarifier Tank.
- Complete piping and conduit installation, begin pulling wire and begin electrical connections to all equipment.
- Coating and Testing of RO Permeate Tank.

Due to the excessive snow and delays related to the installation of the Clarifier the schedule for construction/startup has been updated as follows:

- June 2017 – Clean water testing of UF System
- July 2017 – System substantially complete and ready for system commissioning; and
- August 2017 – Final system commissioning.

Please contact me if there are questions regarding this monthly progress report.

Sincerely,



Jeffrey Hamilton  
Environmental Engineer

cc:

Arthur Burbank – USFS, 410 East Hooper, Soda Springs, ID 83276  
Sherri Stumbo – USFS, 4350 South Cliffs Dr., Pocatello, ID 83204  
Rick McCormick – CH2M, email only  
Doug Scott – CH2M, email only  
Wayne Crowther – IDEQ, email only  
Brady Johnson – IDEQ, email only  
Kathryn Venable – IDEQ, email only  
Colleen O'Hara-Epperly – BLM, email only  
Matt Wilkening – USEPA, email only  
Sandi Fisher – USFWS, email only  
Jeremy Moore – USFWS, 4425 Burley Dr., Suite A, Chubbuck, ID 83202  
Kelly Wright – Shoshone-Bannock Tribes, P.O. Box 306, Fort Hall, ID 83203  
Susan Hanson – (b) (6) Pocatello, ID 83202  
Gary Billman – IDL, email only  
Alan Prouty – J.R. Simplot Company, email only



Mr. Arthur Burbank

May 5, 2017

Page 3

Burl Ackerman – J.R. Simplot Company, email only

Lori Hamann – J.R. Simplot Company, email only

Jon Witt – J.R. Simplot Company, 1099 West Front Street, Boise, ID 83702

Dedra Williams – J.R. Simplot Company, email only

Chad Gentry – J.R. Simplot Company, email only

Ron Quinn – J.R. Simplot Company, P.O. Box 1270, Afton, WY 83110

Fred Charles – Formation Environmental, email only

